

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------------------------|------------------|---------|------------------|
| L2 | 25 | ("3339274" "3959874" "4172907" "4616406" "5120678" "5148266" "5155904" "5241133" "5316788" "5397917" "5433822" "5436203" "5468681" "5581122" "5663106" "5663593" "5798563" "5824569" "5889655" "6229209").PN. OR ("6365499").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 12:21 |
| L3 | 11 | 2 and planar\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 12:21 |
| L4 | 55 | (circuit with (assembly or package)) and substrate and via and die and (ball or pin) and (fill or underfill or under-fill) and stacked and (dielectric with planar\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 12:26 |
| L6 | 1632 | 257/678.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 12:47 |
| L7 | 434 | 257/752.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 12:50 |
| L8 | 1357 | 257/700.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 13:10 |
| L9 | 1160 | 257/777.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 13:17 |
| L10 | 1679 | 257/774.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 13:29 |
| L11 | 1752 | 257/723.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 13:29 |
| L12 | 7 | (US-6051878-\$ or US-6157080-\$ or US-6165815-\$ or US-6222265-\$ or US-6265766-\$ or US-6340846-\$ or US-6365499-\$).did. | USPAT | OR | ON | 2005/03/14 13:56 |

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|-----|------|---|--|----|----|------------------|
| L13 | 33 | ("4954878" "5099306" "5109320" "5128831" "5222014" "5252857" "5291061" "5300801" "5323060" "5403784" "5422435" "5434745" "5466627" "5473814" "5477082" "5481134" "5494841" "5495398" "5496775" "5498902" "5498905" "5506756" "5508565" "5512765" "5512780" "5513076" "5535101" "5594275" "5639696" "5705858" "5715144" "5728606" "5729440").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 14:07 |
| L21 | 30 | ("4446477" "5218234" "5222014" "5293068" "5434452" "5486723" "5952611" "6013946" "6048755" "6091140" "6097085").PN. OR ("6265766"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 14:50 |
| L22 | 292 | (circuit with (assembly or package)) and substrate and via and ((die or chip) with ((ball or pin) and (fill or underfill or under-fill))) and (planar\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 15:11 |
| L23 | 137 | 22 and package.ab. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 15:11 |
| S1 | 10 | ("5422435" "5608262" "5811351" "5952725" "5994166").PN. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:29 |
| S2 | 1564 | (circuit with (assembly or package)) and substrate and via and die and (ball or pin) and (fill or underfill or under-fill) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 12:25 |
| S3 | 556 | S2 and stacked | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:55 |
| S4 | 340 | S3 and dielectric | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:39 |

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| S5 | 53 | S4 and stacked.ab. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:39 |
| S6 | 725 | (circuit with (assembly or package)) and substrate and via and ((die or chip) with ((ball or pin) and (fill or underfill or under-fill)))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 15:10 |
| S7 | 226 | S6 and stacked | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:55 |
| S8 | 2 | ("6337227").URPN. | USPAT | OR | ON | 2005/02/22 09:51 |
| S9 | 5 | ("5323060" "6337226" "6337227" "6340846" "6492726").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/22 09:52 |
| S10 | 401 | 257/656.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 11:03 |
| S11 | 1936 | 257/676.ccls. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 12:40 |
| S12 | 6 | "6613606" | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/14 11:08 |
| S13 | 8 | ("5422435" "5608262" "5811351" "5952725" "5994166" "6114187" "6228681" "6365499").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/14 11:09 |